PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

Application or Docket Number

10/806 680

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	＼	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	minus 20=	*
INDEPENDENT CLAIMS	minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT		☐

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
BASIC FEE		OR	BASIC FEE	
X$ 25=		OR	X$50=	
X100=		OR	X200=	
+180=		OR	+360=	
TOTAL		OR	TOTAL	

CLAIMS AS AMENDED - PART II

AMENDMENT A

3/1/06

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	* 31	Minus	** 30	= 1
Independent	* 4	Minus	*** 3	= 1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 25=		OR	X$50=	50.00
X100=		OR	X200=	200.00
+180=		OR	+360=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	250

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 25=		OR	X$50=	
X100=		OR	X200=	
+180=		OR	+360=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 25=		OR	X$50=	
X100=		OR	X200=	
+180=		OR	+360=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	10/806,680	Confirmation No.: 1158
Applicant	:	Narain D. Arora et al.	
Filing Date	:	March 22, 2004	
Title	:	Measurement of Integrated Circuit Interconnect Process Parameters	
Group Art Unit	:	2825	
Examiner	:	Sun J. Lin	
Docket No.	:	700693.4026	
Customer No.	:	34313	

Commissioner for Patents
Mail Stop Fee Amendment
P.O. Box 1450
Alexandria, VA 22313-1450

Fee only

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action mailed November 30, 2005, please amend the above-identified application as follows:

Amendments to the Drawings are reflected in the amendments to the drawings, which begins on page 2.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks begin on page 11 of this paper.

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Lois Jean Kimmerle
Name of Person Mailing Paper

February 27, 2006
Date of Deposit

Signature of Person Mailing Paper

<u>capacitance are determined separately</u>" (emphasis added). The importance of this and the fact that Kunikiyo fails to disclose this feature is discussed above. Applicants respectfully submit that Chou fails to teach or suggest anything remotely similar to independent capacitance determinations. Therefore, Applicants submit that Claim 1 is patentable for the reasons given above for Claim 11.

Claims 2-9 are patentable by virtue of their dependence on Claim 1.

New Claim

New Claim 31 depends from claim 11 and is therefore patentable for at least the reasons given for claim 11. Claim 31 is additionally patentable because Kunikiyo does not teach or suggest "determining the first capacitance and the second capacitance separately based on capacitance measurements of a **single** test structure." As discussed above, Kunikiyo does not even teach or suggest determining C_{up} and C_{low} **separately**, much less based on capacitance measurements of a **single** test structure. In fact, the measurement procedure of Kunikiyo requires capacitance measurements of **two** different test structures having different overlap lengths to determine C_c and C_v (see Kunikiyo, page 32, third paragraph).

Allowable Subject Matter

Applicants appreciate the Examiner's indication that Claim 20 would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Applicants have rewritten claim 20 as claim 32 so that it includes all the limitations its base claim 11 had prior to amendment.

Conclusion

Applicants respectfully submit that this application is in condition for allowance, which is respectfully requested. Should the Examiner have any questions or comments on the application, the Examiner should feel free to contact the undersigned via telephone.

The Commissioner is authorized to charge any fee which may be required in connection with this Amendment to deposit account No. 15-0665.

Respectfully submitted,

ORRICK, HERRINGTON & SUTCLIFFE LLP

Dated: 2/27/06

By: _Eugene Worley_
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